Accelerating digital transformation with cloud computing

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“Cloud computing” is the **on-demand** delivery of IT resources **via the internet** with **pay-as-you-go pricing**.
What does cloud computing support?

Easy access to technology building blocks such as compute power, storage, databases, and other purpose built services on an as-needed basis.
Cloud accelerates digital transformation & digital inclusion

Digital transformation is the integration of digital technology into all areas of a business and public services, fundamentally changing how governments and organizations operate and deliver value to customers/citizens.

- Transformative Innovation
- Digital Inclusion
- Social impact and Sustainability
- Security and Operational Excellence
Cloud value framework for digitalization

Cost savings (TCO)
- What is it?
  - Infrastructure cost savings/ avoidance from moving to the cloud

Staff productivity
- What is it?
  - Efficiency improvement by function on a task-by-task basis

Operational resilience
- What is it?
  - Benefit of improving SLAs and reducing unplanned outage

Business agility
- What is it?
  - Deploying new features/applications faster and reducing errors

Sustainability
- What is it?
  - Minimizing environmental impact of operations

Typical Focus

Most Compelling Cloud Benefits
Cloud-enabling policies

01
Implement a **Cloud First policy for public sector (government)**

02
Apply a **risk based and outcomes-driven approach** to data governance, data classification, data security and risk management

03
Support **global security standards and cloud centric accreditations**

04
Proactively raise awareness, promote cloud and clarify misconceptions
Policies supporting digital applications

SECURITY & CLOUD ACCREDITATION

Use existing domestic and international cloud-centric accreditation systems to evaluate Cloud Service Providers

DATA PRIVACY AND CONTROL

Establish and/or adopt complementary security, data processing and privacy policies

DATA CLASSIFICATION

Categorize data based on its level of sensitivity, and then manage each segment accordingly

CLOUD CONTRACTING AND PROCUREMENT

Design and institute a cloud contracting vehicle that agencies can use to gain the full benefits of cloud
Public policy areas of engagement

• Cloud-first/cloud-native
• Procurement
• Data
• Digital trade
• Security
• Infrastructure development
• Sustainability
• Verticals/sectors e.g. telecoms, energy, healthcare, public sector
• Cloud and government digitalization
• Digital economy

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